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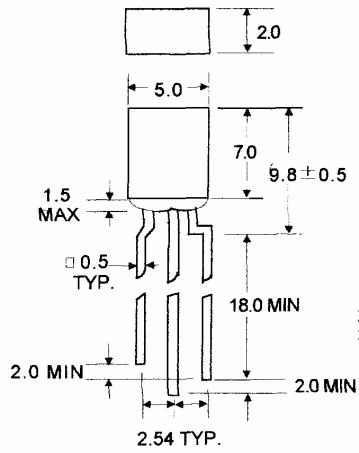
Jameco Part Number 104889

LIGITEK

DUAL COLOR LED LAMPS **LXX5292** SERIES

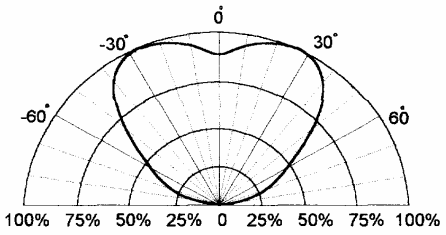
Package Dimension



1 ANODE GREEN
2 COMMON CATHODE
3 ANODE RED,YELLOW

Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

Radiation



- **Part Selection And Application Information (Ratings At 25°C Ambient)**

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LHG5292	GaP	Red	White Diffused	697	90	1.7	2.8	0.9	1.5	116
	GaP	Green		565	30	1.7	2.8	3.5	6.0	116
LEG5292	GaAsP/GaP	Orange	White Diffused	635	45	1.7	2.8	3.5	6.0	116
	GaP	Green		565	30	1.7	2.8	3.5	6.0	116
LYG5292	GaAsP/GaP	Yellow	White Diffused	585	35	1.7	2.8	3.0	5.0	116
	GaP	Green		565	30	1.7	2.8	3.5	6.0	116

- **Absolute Maximum Rating (Ta=25°C)**

PARAMETER	RED		GREEN		YELLOW		ORANGE		UNIT	REMARK
		H		*G*		*Y*		*E*		
Forward Current		15		30		20		30	mA	
Peak Current Duty 1/10 @1Khz		60		120		80		120	mA	
Power Dissipation		40		100		60		100	mW	
Reverse Current @5V		10		10		10		10	μA	
Operating Temperature	-40°C TO +85°C									
Storage Temperature	-40°C TO +100°C									
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)										

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